

---

# Printed by EAST

---

**UserID:** jgelin  
**Computer:** WS05029  
**Date:** 5/24/07  
**Time:** 4:43 PM

	<b>Search Text</b>
1	transceiver near5 ("switching off" "switching on") and wlan
2	wlan near5 ("switching off" "switching on")
3	("20050213524" "6091951" "6154461" "6201962" "20050059386" "20060112287" "20060274368" "5771353" "6006100" "5406643" "5574979" "5640390" "5657317" "5696903" "5748619" "5794145" "5848064" "5859970" "5867106" "5949776" "6005533" "6031830" "6069877" "6073016" "6084867" "6092117" "6137473" "6141688" "6148344" "6149063" "6157630" "6209034" "6212175" "6219694" "6212175" "6219694" "6295461" "6389457" "6401113" "6414643" "6438585" "6447306" "6463463" "6463464" "6556553" "6629642" "6651190" "6791959" "6811088" "6917964" ).pn.
4	transceiver near5 ("switching off" "switching on")
5	"2003179725".pn. or "2002132603".pn. or "20030159074".pn. or "6580704".pn. or "6463307".pn.
6	"access point" near5 (second another first)
7	request\$3 near10 (mobile portable terminal handset) near10 (status notif\$6)
8	S7 and S13
9	wak\$3 near3 event
10	@ad<"20040326" or @rlad<"20040326"
11	S7 and S25
12	"access point" near10 request\$3 near10 (second another) near10 (status notif\$8)
13	"access point" near10 request\$3 near10 (second another) near10 determin\$3
14	S8 and S9
15	"access point" near5 (second another) near5 determin\$3

	<b>Search Text</b>
<b>16</b>	"access point" near5 (second another)
<b>17</b>	S19 and S21
<b>18</b>	S13 and S19
<b>19</b>	S14 and S17
<b>20</b>	(sleep\$3 wak\$3) same wlan
<b>21</b>	(sleep\$3 wak\$3) same ("access point" ap)
<b>22</b>	S14 and S15
<b>23</b>	S26 and S27
<b>24</b>	S21 and S23
<b>25</b>	"access point" near10 request\$3 near10 (status notif\$6) near10 (second another first)
<b>26</b>	(second another) near5 (status notif\$8)
<b>27</b>	"access point" near10 request\$3 near10 (mobile portable terminal handset) near10 determin\$3

10811404\_CLSTITLES1.txt

Titles of most frequently occurring classifications of patents returned  
from a search of 10811404 on Jan 17 , 2007

- 13 370/338 (8 OR, 5 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 .COMMUNICATION OVER FREE SPACE  
370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations  
370/338 ...Contiguous regions interconnected by a local area network
- 8 709/206 (4 OR, 4 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/204 .COMPUTER CONFERENCING  
709/206 ..Demand based messaging
- 6 709/245 (0 OR, 6 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/245 .COMPUTER-TO-COMPUTER DATA ADDRESSING
- 5 340/7.21 (0 OR, 5 XR)  
Class 340 COMMUNICATIONS: ELECTRICAL  
340/825 .SELECTIVE  
340/825.36 ..Having indication or alarm (e.g., location indication)  
340/7.2 ...Code responsive (i.e., paging)  
340/7.21 ....Two-way paging
- 5 340/7.29 (0 OR, 5 XR)  
Class 340 COMMUNICATIONS: ELECTRICAL  
340/825 .SELECTIVE  
340/825.36 ..Having indication or alarm (e.g., location indication)  
340/7.2 ...Code responsive (i.e., paging)  
340/7.28 ....Paging terminal (i.e., element prior to the transmitter)  
340/7.29 ....Terminal connected to other network (e.g., Internet)
- 4 370/401 (1 OR, 3 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/351 .PATHFINDING OR ROUTING  
370/389 ..Switching a message which includes an address header  
370/400 ...Having a plurality of nodes performing distributed  
switching  
370/401 ....Bridge or gateway between networks
- 4 709/227 (3 OR, 1 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
- 4 709/228 (1 OR, 3 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING  
709/228 ..Session/connection parameter setting
- 4 709/219 (0 OR, 4 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/217 .REMOTE DATA ACCESSING  
709/219 ..Accessing a remote server
- 4 709/207 (3 OR, 1 XR)

Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/204 .COMPUTER CONFERENCING  
 709/207 ..Priority based messaging

3 370/311 (1 OR, 2 XR)  
 Class 370 MULTIPLEX COMMUNICATIONS  
 370/310 .COMMUNICATION OVER FREE SPACE  
 370/311 ..Signaling for performing battery saving

3 455/436 (0 OR, 3 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/436 ...Handoff

3 455/466 (1 OR, 2 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELPHONE SYSTEM  
 455/466 ..Auxiliary data signaling (e.g., short message service  
 (SMS))

3 455/426.1 (1 OR, 2 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/426.1 ...Including other radio communication system (e.g.,  
 cordless telephone, paging, trunking, etc.)

3 345/179 (0 OR, 3 XR)  
 Class 345 COMPUTER GRAPHICS PROCESSING AND SELECTIVE VISUAL DISPLAY  
 SYSTEMS  
 345/156 .DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
 345/179 ..Stylus

3 707/201 (0 OR, 3 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/200 .FILE OR DATABASE MAINTENANCE  
 707/201 ..Coherency (e.g., same view to multiple users)

2 455/432.2 (2 OR, 0 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELPHONE SYSTEM  
 455/422.1 ..Zoned or cellular telephone system  
 455/432.1 ...Roaming  
 455/432.2 ....System format conversion

2 455/420 (1 OR, 1 XR)  
 Class 455 TELECOMMUNICATIONS  
 455/403 .RADIOTELPHONE SYSTEM  
 455/418 ..Programming control  
 455/419 ...Remote programming control  
 455/420 ....Control of another apparatus

2 235/472.01 (0 OR, 2 XR)  
 Class 235 REGISTERS  
 235/435 .CODED RECORD SENSORS  
 235/439 ..Particular sensor structure  
 235/454 ...Optical  
 235/472.01 ....Hand-held (e.g., portable)

2 235/472.02 (1 OR, 1 XR)

10811404\_CLSTITLES1.txt

Class 235 REGISTERS  
235/435 .CODED RECORD SENSORS  
235/439 ..Particular sensor structure  
235/454 ...Optical  
235/472.01 ....Hand-held (e.g., portable)  
235/472.02 .....Wireless link (e.g., RF, IR, etc.)

2 455/63.1 (1 OR, 1 XR)  
Class 455 TELECOMMUNICATIONS  
455/39 .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/63.1 ..Distortion, noise, or other interference prevention,  
reduction, or compensation

2 370/278 (1 OR, 1 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/276 .DUPLEX  
370/277 ..Communication over free space  
370/278 ...Transmit/receive interaction control

2 370/408 (0 OR, 2 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/351 .PATHFINDING OR ROUTING  
370/389 ..Switching a message which includes an address header  
370/400 ...Having a plurality of nodes performing distributed  
switching  
370/408 ....Nodes interconnected in hierarchy to form a tree

2 370/466 (0 OR, 2 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/464 .COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL  
CHANNELS  
370/465 ..Adaptive  
370/466 ...Converting between protocols

2 455/575.7 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)  
455/550.1 ..Radiotelephone equipment detail  
455/575.1 ...Housing or support  
455/575.7 ....Having specific antenna arrangement

2 709/250 (2 OR, 0 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/250 .NETWORK-TO-COMPUTER INTERFACING

2 709/253 (0 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/253 .BUSED COMPUTER NETWORKING

2 455/403 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM

2 455/435.1 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/422.1 ..Zoned or cellular telephone system  
455/435.1 ...Registration

2 709/230 (0 OR, 2 XR)

10811404\_CLSTITLES1.txt

Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/230 .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING

2 709/203 (0 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/201 .DISTRIBUTED DATA PROCESSING  
709/203 ..Client/server

2 709/218 (0 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/217 ..REMOTE DATA ACCESSING  
709/218 ..Using interconnected networks

2 455/556.1 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)  
455/550.1 ..Radiotelephone equipment detail  
455/556.1 ...Integrated with other device

2 455/414.1 (0 OR, 2 XR)  
Class 455 TELECOMMUNICATIONS  
455/403 .RADIOTELEPHONE SYSTEM  
455/414.1 ..Special service

2 709/238 (0 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/238 .COMPUTER-TO-COMPUTER DATA ROUTING

2 340/7.51 (0 OR, 2 XR)  
Class 340 COMMUNICATIONS: ELECTRICAL  
340/825 ..SELECTIVE  
340/825.36 ..Having indication or alarm (e.g., location indication)  
340/7.2 ...Code responsive (i.e., paging)  
340/7.51 ....Message presentation

2 370/331 (0 OR, 2 XR)  
Class 370 MULTIPLEX COMMUNICATIONS  
370/310 ..COMMUNICATION OVER FREE SPACE  
370/328 ..Having a plurality of contiguous regions served by  
respective fixed stations  
370/329 ...Channel assignment  
370/331 ....Hand-off control

2 235/462.46 (2 OR, 0 XR)  
Class 235 REGISTERS  
235/435 ..CODED RECORD SENSORS  
235/439 ..Particular sensor structure  
235/454 ...Optical  
235/462.01 ....Bar code  
235/462.43 .....Specified housing or mounting detail  
235/462.45 .....Hand-held (e.g., portable)  
235/462.46 .....Wireless link (e.g., RF, IR, etc.)

10811404\_CLS1.txt

Most frequently occurring classifications of patents returned  
from a search of 10811404 on Jan 17 , 2007

Original Classifications

8	370/338
4	709/206
3	709/227
3	709/207
2	455/432.2
2	709/250
2	235/462.46

Cross-Reference Classifications

6	709/245
5	370/338
5	340/7.21
5	340/7.29
4	709/219
4	709/206
3	370/401
3	455/436
3	709/228
3	345/179
3	707/201
2	370/311
2	455/466
2	235/472.01
2	370/408
2	370/466
2	455/426.1
2	455/575.7
2	709/253
2	455/403
2	455/435.1
2	709/230
2	709/203
2	709/218
2	455/556.1
2	455/414.1
2	709/238
2	340/7.51
2	370/331

Combined Classifications

13	370/338
8	709/206
6	709/245
5	340/7.21
5	340/7.29
4	370/401
4	709/227
4	709/228
4	709/219
4	709/207
3	370/311
3	455/436
3	455/466
3	455/426.1
3	345/179
3	707/201
2	455/432.2
2	455/420

10811404\_CLS1.txt

2 235/472.01  
2 235/472.02  
2 455/63.1  
2 370/278  
2 370/408  
2 370/466  
2 455/575.7  
2 709/250  
2 709/253  
2 455/403  
2 455/435.1  
2 709/230  
2 709/203  
2 709/218  
2 455/556.1  
2 455/414.1  
2 709/238  
2 340/7.51  
2 370/331  
2 235/462.46